

PETER CREMER

NORTH AMERICA, LP

Fractionated and Hydrogenated Fatty Acids

4/21/1999

Chemical Properties	Fractionated Acids & Blends					Hydrogenated Acids
	FA-1299	FA-1495	FA-1214	FA-1216	FA-1218	FA-1218H
Acid Value	277-281	243-248	267-280	255-275	250-260	250-260
Iodine Value	0.2 Max.	0.5 Max.	0.5 Max.	2.5 Max.	5-12	1.5 Max.
Moisture (%KF)	0.2 Max.	0.2 Max.	0.2 Max.	0.1 Max.	0.3 Max.	0.3 Max.

Physical Properties

Titer, (C)	43	53				
Color, Gardner (1963)	<1	<1	<1	<1	1	<1
Color, % Transmittance @ 440nm / 550nm	90/98 Min.	90/98 Min.	85/97 Min.	85/97 Min.	85/95 Min.	95/98 Min.

Typical Composition (GC)

Saturated						
C8 & Lower			0.2 Max.			
C10			2 Max.			
C10 & Lower	1 Max.			2 Max.	1 Max.	1 Max.
C12	98.5 Min.		66-75	56-68	45-60	57 Max.
C12 & Lower		3 Max.				
C14		95 Min.	22-31	18-27	17-27	18-26
C14 & Greater	1.5 Max.					
C16				8-17	5-15	5-12
C16 & Greater		3 Max.	3 Max.			
C18					7 Max.	8-12
C18 Total				2.5 Max.		
C20						
Unsaturated						
C16=1						
C18=1					10 Max.	1 Max.
C18=2						
C18=3						
All other chain lengths						
CAS Number	143-07-7	544-63-8	68002-90-4	68002-90-4	*****	*****

***** CAS Number is a mixture of 143-07-7, 544-63-8, 112-80-1, 57-11-4, 57-10-2

